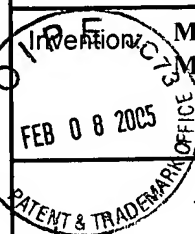
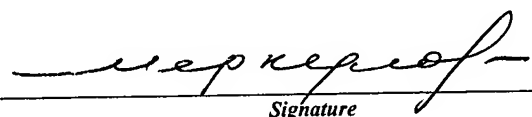
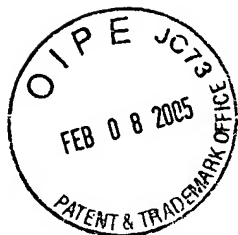


<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>				Docket No. <b>02230028BB</b>	
Applicant(s): <b>Hayashi et al.</b>					
Application No. <b>10/803,144</b>	Filing Date <b>3-18-04</b>	Examiner <b>Klimowicz, William</b>	Customer No. <b>30743</b>	Group Art Unit <b>2652</b>	Confirmation No. <b>7124</b>
 <b>MAGNETO-RESISTANCE EFFECT ELEMENT, MAGNETO-RESISTANCE EFFECT HEAD, MAGNETO-RESISTANCE TRANSDUCER SYSTEM, AND MAGNETIC STORAGE SYSTEM</b>					
<u>COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	49 -	49 =	0	x \$50.00	\$0.00
INDEP. CLAIMS	6 -	6 =	0	x \$200.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>50-2041</b> <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.					
<b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>					
 _____ Signature			Dated: <b>2-8-05</b>		
<b>Olga V. Merkoulouva</b> <b>Reg. No. 48,757</b> <b>Whitham, Curtis &amp; Christofferson P.C.</b> <b>11491 Sunset Hills Road</b> <b>Suite 340</b> <b>Reston, Va. 20190</b> <b>703-787-9400</b> <b>Customer # 30743</b>			<div style="border: 1px solid black; padding: 5px;">             I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on               _____              (Date)           </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">             _____              Signature of Person Mailing Correspondence           </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">             _____              Typed or Printed Name of Person Mailing Correspondence           </div>		
CC:					

Docket 02230028BB  
Serial No.: 10/803,144

1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Kazuhiko Hayashi

Serial No. 10/803,144

Group Art Unit: 2652

Filed: March 18, 2004

Examiner: Klimowicz, William

Confirmation No.: 7124

For: MAGNETO-RESISTANCE EFFECT ELEMENT, MAGNETO-RESISTANCE EFFECT HEAD, MAGNETO-RESISTANCE TRANSDUCER SYSTEM, AND MAGNETIC STORAGE SYSTEM

Box Non-Fee Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

AMENDMENT UNDER 37 C.F.R. §1.111

Sir:

In response to the Office Action mailed December 29, 2004, please amend the above-identified patent application as follows:

**Amendments to the Specification:** Amendments to the specification begin on page 2 of this paper.

**Amendments to the Claims:** Amendments to the claims are indicated by the notation "currently amended" in the listing of claims beginning on page 6 of this paper.

**Amendments to the Drawings:** Amendments to the drawings begin on page 5 of this paper and include the accompanying paper entitled "Sheet Showing Changes" with drawing figures marked in red and "Replacement Sheet".

**Remarks:** The "REMARKS" section begins on page 17 of this paper.